AUTHOR INDEX

Abate, M.L. 915
Abrahams, T.P. 109
Abramson, C.I. 39
Abugo, O. 153
Ackroff, K. 467
Agnisola, C. 729
Akrout, M. 403
Alheid, G.F. 843
Allen, C.B. 247
Alleva, E. 461
Aloe, L. 461
Amoros, A. 625
Anand, R. 399
Anderson, D.E. 857
Ángyán, L. 455
Antill, R.W. 475
Anton, G. 1123
Arand, D.L. 777
Arceneaux, E.R. 843
Arendt, J. 665, 675
Armario, A. 369
Arnold, M. 973
Arolfo, M.P. 209
Arvanitogiannis, A. 795
Astiningsih, K. 1085
Avery, R.A. 195

Badia, P. 133
Badia-Elder, N. 749
Badistov, B.A. 683
Baenninger, M.A. 421
Baenninger, R. 421
Baldo, B.A. 1155
Balian, H. 123
Bardgett, M. 479
Bardgett, M.E. 1111
Bartness, T.J. 157, 897, 1039
Barton, C.N. 213
Becker, A. 1175
Bellinger, L.L. 925
Bellisle, F. 403
Benedict, M.R. 689
Benjamin, A.L. 843
Benoit, S.C. 1015
Bensoula, A.N. 83
Bergvall, Å.H. 807
Berlin, R. 495
Bernardis, L.L. 523, 689
Biedebach, M. 399
Binkley, S. 421
Björkstrand, E. 947
Blaine, C. 849
Bloch, G.J. 171, 1147
Bobrzynska, K.J. 221
Bodnar, R.J. 77
Bond, S.P. 1011
Bonnet, M.H. 777
Borsini, F. 783
Boss-Williams, K.A. 157
Boujard, T. 1061
Boulos, Z. 561
Bovbjerg, D.H. 273, 659
Bowe, K. 39
Boyes, W.K. 325
Bray, G.A. 555
Brock, J.W. 1011
Brodie, A.R. 941
Brodie, R.E. 213
Bronson, F.H. 49
Broom, D.M. 769
Brosvic, G.M. 117
Brown, S.D. 165
Bryant, M. 213
Buckbee, D.A. 39
Burgess, J.R. 915
Burnet, H. 283
Burright, R.G. 849
Butler, P.C. 1147

Calcagnetti, D.J. 597
Carley, D.W. 827
Carlos, C.P. 147
Castaldo, P. 729
Castillo, M.C. 449
Charbonneau, G. 937
Chow, P.H. 393
Cirulli, F. 461
Clark, J.T. 241
Cliff, M.A. 487
Cohen, M. 849
Collet, C. 953
Collet, L. 1
Comer, S.D. 295
Compere, S. 863
Consiglio, A.R. 591
Cook, J.T. 843
Cook, M.N. 361
Cooper, M.L. 77
Cooper, S.J. 1129
Critchley, H.D. 991
Crusio, W.E. 1171
Cruz, Y. 543
Csernansky, J. 479
Cugini, P. 1077
Cuntapay, M. 109
Cutrufo, C. 783

Daan, S. 735
Danon, D. 153
Davidson, J.M. 241
Davidson, T.L. 1015
Davidson, T.M. 877
Davis, F.B. 689
Davis, P.J. 523, 689
Deacon, S. 665, 675
De Boer, S.F. 735
Deheeger, M. 403
De la Iglesia, H.O. 19
Del Angel-Meza, A.R. 1099
De La Rosa, J. 49
Del Canho, S. 199
Delius, J.D. 757
Della Seta, D. 461
Delville, Y. 813
Delwiche, J. 605
Demissie, S. 499
Dess, N.K. 749
Deziel, M.R. 689
Dietz, J. 625
Dittmar, A. 953
Dominguez Salazar, E. 277
Donovick, P.J. 849
Doty, R.L. 117
Drews, C. 1025
Duan, Y.-F. 1093
Dyck, D.G. 1103

Early, T. 479
Edwards, S. 39
Eggert, F. 57
Eling, P. 763
Ellison, G.T.H. 375
Emerman, J.T. 633
Engel, B.T. 231
Erkert, H.G. 11
Erskine, M.S. 205
Escanero, J.F. 449

Fahlke, C. 807
Farooqui, S.M. 1011
Fedorova, O.V. 857
Fehm-Wolfsdorf, G. 1025
Feria-Velasco, A. 1099
Fernando, G. 399
Ferris, C.F. 813
Ferstl, R. 57, 1025
Field, E.F. 905
Filali, M. 83
Fine, J.B. 1039
Fioravanti, M. 1077
Fiorito, G. 729
Fischman, M.W. 295
Foltin, R.W. 295
Fonck, C. 713
Fortier, G.M. 205
Frank, M.E. 505
Frankmann, S.P. 495
French, A.W. 857
Fuchs, E. 11
Furuse, M. 1185

Gärtner, K. 1117
Geary, N. 307, 613
Gélineau, A. 1061
Ghanta, V.K. 499
Gibbs, J. 307
Gietzen, D.W. 925
Godfrey, M.H. 221
Goel, N. 817
Goldberg, S. 625
Golfieri, B. 1077
González-Burgos, I. 1099
Gordon, T.P. 941
Gorzalka, B.B. 537
Gower, A.J. 439
Grant, I. 877
Grant, V.L. 699
Gray, R.W. 1129
Grecksch, G. 1175
Green, B.G. 487
Green, E.J. 1093
Greenberg, A.H. 1103

AUTHOR INDEX

Abate, M.L. 915
Abrahams, T.P. 109
Abramson, C.I. 39
Abugo, O. 153
Ackroff, K. 467
Agnisola, C. 729
Akrout, M. 403
Alheid, G.F. 843
Allen, C.B. 247
Alleva, E. 461
Aloe, L. 461
Amoros, A. 625
Anand, R. 399
Anderson, D.E. 857
Ángyán, L. 455
Antill, R.W. 475
Anton, G. 1123
Arand, D.L. 777
Arceneaux, E.R. 843
Arendt, J. 665, 675
Armario, A. 369
Arnold, M. 973
Arolfo, M.P. 209
Arvanitogiannis, A. 795
Astiningsih, K. 1085
Avery, R.A. 195

Badia, P. 133
Badia-Elder, N. 749
Badistov, B.A. 683
Baenninger, M.A. 421
Baenninger, R. 421
Baldo, B.A. 1155
Balian, H. 123
Bardgett, M. 479
Bardgett, M.E. 1111
Bartness, T.J. 157, 897, 1039
Barton, C.N. 213
Becker, A. 1175
Bellinger, L.L. 925
Bellisle, F. 403
Benedict, M.R. 689
Benjamin, A.L. 843
Benoit, S.C. 1015
Bensoula, A.N. 83
Bergvall, Å.H. 807
Berlin, R. 495
Bernardis, L.L. 523, 689
Biedebach, M. 399
Binkley, S. 421
Björkstrand, E. 947
Blaine, C. 849
Bloch, G.J. 171, 1147
Bobrzynska, K.J. 221
Bodnar, R.J. 77
Bond, S.P. 1011
Bonnet, M.H. 777
Borsini, F. 783
Boss-Williams, K.A. 157
Boujard, T. 1061
Boulos, Z. 561
Bovbjerg, D.H. 273, 659
Bowe, K. 39
Boyes, W.K. 325
Bray, G.A. 555
Brock, J.W. 1011
Brodie, A.R. 941
Brodie, R.E. 213
Bronson, F.H. 49
Broom, D.M. 769
Brosvic, G.M. 117
Brown, S.D. 165
Bryant, M. 213
Buckbee, D.A. 39
Burgess, J.R. 915
Burnet, H. 283
Burright, R.G. 849
Butler, P.C. 1147

Calcagnetti, D.J. 597
Carley, D.W. 827
Carlos, C.P. 147
Castaldo, P. 729
Castillo, M.C. 449
Charbonneau, G. 937
Chow, P.H. 393
Cirulli, F. 461
Clark, J.T. 241
Cliff, M.A. 487
Cohen, M. 849
Collet, C. 953
Collet, L. 1
Comer, S.D. 295
Compere, S. 863
Consiglio, A.R. 591
Cook, J.T. 843
Cook, M.N. 361
Cooper, M.L. 77
Cooper, S.J. 1129
Critchley, H.D. 991
Crusio, W.E. 1171
Cruz, Y. 543
Csernansky, J. 479
Cugini, P. 1077
Cuntapay, M. 109
Cutrufo, C. 783

Daan, S. 735
Danon, D. 153
Davidson, J.M. 241
Davidson, T.L. 1015
Davidson, T.M. 877
Davis, F.B. 689
Davis, P.J. 523, 689
Deacon, S. 665, 675
De Boer, S.F. 735
Deheeger, M. 403
De la Iglesia, H.O. 19
Del Angel-Meza, A.R. 1099
De La Rosa, J. 49
Del Canho, S. 199
Delius, J.D. 757
Della Seta, D. 461
Delville, Y. 813
Delwiche, J. 605
Demissie, S. 499
Dess, N.K. 749
Deziel, M.R. 689
Dietz, J. 625
Dittmar, A. 953
Dominguez Salazar, E. 277
Donovick, P.J. 849
Doty, R.L. 117
Drews, C. 1025
Duan, Y.-F. 1093
Dyck, D.G. 1103

Early, T. 479
Edwards, S. 39
Eggert, F. 57
Eling, P. 763
Ellison, G.T.H. 375
Emerman, J.T. 633
Engel, B.T. 231
Erkert, H.G. 11
Erskine, M.S. 205
Escanero, J.F. 449

Fahlke, C. 807
Farooqui, S.M. 1011
Fedorova, O.V. 857
Fehm-Wolfsdorf, G. 1025
Feria-Velasco, A. 1099
Fernando, G. 399
Ferris, C.F. 813
Ferstl, R. 57, 1025
Field, E.F. 905
Filali, M. 83
Fine, J.B. 1039
Fioravanti, M. 1077
Fiorito, G. 729
Fischman, M.W. 295
Foltin, R.W. 295
Fonck, C. 713
Fortier, G.M. 205
Frank, M.E. 505
Frankmann, S.P. 495
French, A.W. 857
Fuchs, E. 11
Furuse, M. 1185

Gärtner, K. 1117
Geary, N. 307, 613
Gélineau, A. 1061
Ghanta, V.K. 499
Gibbs, J. 307
Gietzen, D.W. 925
Godfrey, M.H. 221
Goel, N. 817
Goldberg, S. 625
Golfieri, B. 1077
González-Burgos, I. 1099
Gordon, T.P. 941
Gorzalka, B.B. 537
Gower, A.J. 439
Grant, I. 877
Grant, V.L. 699
Gray, R.W. 1129
Grecksch, G. 1175
Green, B.G. 487
Green, E.J. 1093
Greenberg, A.H. 1103

Greenberg, D. 237
Green–Johnson, J. 1103
Grimm, M.S. 633
Guastavino, J.-M. 45, 83
Guerrero, F. 283
Guinard, J.-X. 625
Gust, D.A. 941

Haemisch, A. 1117
Halikas, J.A. 683
Hall, S. 569
Haller, J. 479
Hämäläinen, M.M. 389
Haney, M. 295
Hansen, S. 807
Harper, D.G. 409
Hart, B.L. 965
Heck, E. 625
Heller, K.E. 741
Hengemihle, J.M. 153
Henschel, D. 653
Herr, D.W. 325
Hettinger, T.P. 505
Hiramoto, N.S. 499
Hiramoto, R.N. 499
Hirao, A. 1185
Hirasawa, M. 1017
Hoffman, B.B. 241
Hoffman, C.S. 709
Höller, C. 57
Holz, M. 625
Horn, C.C. 33
Hou, X. 361
Houpt, T.A. 495, 561
Huang, Y. 1093
Hudson, R. 543
Hunter, J.C. 769
Hutcheson, M. 653

Ikeda, Y. 141
Ingram, D.K. 153

Jacobsen, P.B. 273, 659
Jaffé, K. 713
Janz, L.J. 1103
Jensen, K.H. 741
Jevning, R. 399
Jones, B.C. 361
Jongen, P.J.H. 763
Jönsson, L. 807
Jørgensen, E. 741

Kacker, S.R. 241
Kadekaro, M. 1137
Kampov–Polevoy, A.B. 683
Karasinski, P. 1051
Kasheffskaya, O.P. 683
Katbamna, B. 189
Kauppila, T. 389
Kelly, S.J. 287
Kempinas, W.G. 147
Kiefer, S.W. 749
King, B.M. 843
King, D. 325
Kinney, N.E. 475
Kirov, S.A. 231
Kloster, C.A. 1011
Kohlert, J.G. 171, 1147
Komenami, N. 383
Koob, G.F. 1155
Koolhaas, J.M. 735
Krystal, J.H. 863
Kuczek, T. 915
Kumar, V. 617
Kureta, Y. 621

Ladewig, J. 741
Lalonde, R. 45, 83
Lamberty, Y. 439
Langhans, W. 973
Lapieza, M.G. 449
Larue–Achagiotis, C. 1033, 1123
Lax, P. 1179
Leatherland, J.F. 1061
Lee, J.H. 71
Lee, T.M. 817
Lemonica, I.P. 147
Leshem, M. 199
Lett, B.T. 699
Lieberman, H.R. 867
Liebeskind, J.C. 123
Limoge, A. 1051
Little, C. 445
Liu, H. 1137
Lown, O. 1155
Lucia, P. 1077
Lucion, A.B. 591
Luine, V. 27
Luszyk, D. 57

Mabayo, R.T. 1185
Mackay–Sim, A. 117
Madrid, J.A. 1179
Magariños, A.M. 27
Maldonado, H. 19
Mambrini, M. 1061
Mansour, K.M. 813
Manzo, J. 543
Markou, A. 1155
Maroun, M. 199
Marti, J. 369
Martinez, C. 27
Martínez-Gómez, M. 543
Mason, R. 991
Masuda, A. 549
Mattes, R.D. 179
Matthews, K. 99, 1155
McCarty, R. 71
McEwen, B.S. 27
McGivern, R.F. 653
McKenzie, A.A. 965
Meerlo, P. 735
Meli, A. 783
Menard, J. 311
Mendl, M.T. 769
Meric, C. 1
Meston, C.M. 537
Micheyl, C. 1
Miczek, K.A. 409
Milot, M. 355
Minamoto, Y. 585
Mitchell, J.C. 33
MacKinnon, B.I. 505
McBurney, F. 445
McCabe, P.M. 1093
McCormick, C.M. 349
McMahon, L.R. 63
McClure, H.M. 941
McCutchan, A. 877
McKenna, M.M. 905
Moe, I.V. 537
Mogil, J.S. 123
Monnier, C. 83
Moore–Ede, M.C. 561
Mooring, M.S. 965
Moses, A. 973
Mrosovsky, N. 221
Müller–Ruchholtz, W. 57
Murison, R. 983
Murphy, C. 877
Murphy, P.J. 133
Murray, B. 427, 643
Murray, L. 1103
Myers, B.L. 133

Nacca, D. 1077
Nagai, N. 549
Nagase, H. 555
Nance, D.M. 1103
Naruo, T. 549
Natowicz, R. 1051
Nejdi, A. 45
Nestler, E.J. 863
Newcomer, J.W. 1111
Ng, K.W. 393
Nguyen, K.Q. 49
Nielsen, E.K. 741
Nishihara, M. 1017
Nozoe, S.-i. 549
Nuviala, R.J. 449

Okumura, J.-I. 1185
Olvera–Cortés, E. 1099
O'Mahony, M. 605
Ono, M. 585
Oudot, F. 1123
Overstreet, D.H. 319, 683, 1155

Pacheco, P. 543
Pang, R. 873
Pang, S.F. 393
Pangburn, T. 653
Partlo, L.A. 887
Pause, B.M. 1025
Pavlovic, Z.W. 77
Pedersen, L.J. 741
Pellis, S.M. 905
Pellis, V.C. 905
Pereira, O.C.M. 147
Pereyra, P. 19
Pérez, C. 467
Pertovaara, A. 389
Pietrowsky, R. 1025
Pohl, J. 1025
Polich, J. 517

Porter, J. 721
Prusky, G.T. 905
Pucilowski, O. 319

Quander, D.Y. 213
Quartermain, D. 873, 937
Quatrella, L.A. 597

Rada, H. 953
Radulovacki, M. 827
Ramírez, O.A. 209
Rashotte, M.E. 1005
Raskin, A. 241
Rasmussen, K. 863
Rauhofer, E.A. 237
Rauth-Widmann, B. 11
Razani, J. 877
Read, N.W. 1069
Refinetti, R. 1001
Rehnberg, B.G. 505
Retana-Marquez, S. 277
Rezvani, A.H. 319, 683
Rifkind, J. 153
Risser, J.M. 117
Ritter, S. 921
Robbins, T.W. 99
Robert, C. 1051
Roberts, M.H. 703
Robl, M. 213
Rogers, C.F. 499
Rogers, L.J. 1085
Rogers, Q.R. 925
Rolland-Cachera, M.-F. 403
Rolls, E.T. 991, 1189
Romero, R. 517
Rose, G.M. 93
Rosenthal, M. 787
Ross, K.D. 1011
Rossignol, C. 403
Roth, J. 787
Roure, R. 953
Rushing, P.A. 307

Sadowski, B. 123
Sainsbury, R.S. 887
Sakai, M. 141
Šaling, M. 255
Sandbak, T. 983
Schechter, M.D. 597
Scherhag, C. 1025
Scherrer, J. 479
Schlenker, E.H. 709
Schmitt, A. 1171
Schneiderman, N. 1093
Schulte, H.M. 1025
Schwartz, M.D. 659
Sclafani, A. 467
Seeley, R.J. 1015
Senturia, J.B. 189
Seredenin, S.B. 683
Shephard, R.A. 445
Shibata, S. 585
Shizgal, P. 427, 643, 795
Shoemaker, J.A. 1001
Shukitt-Hale, B. 867
Sinclair, J.D. 683
Singer, L.K. 921
Singh, P. 349
Sitárová, T. 255
Smith, A. 569
Smith, C. 93
Smith, E.R. 241
Smith, G.P. 237
Sobotka, J.M. 213
Sobotka, T.J. 213
Soejima, Y. 549
Soffié, M. 265
Spangler, E. 153
Stauffacher, M. 1163
Stephan, F.K. 931, 1005
Sternberg, W.F. 123
Stevens, L.J. 915
Stewart, P.W. 849
Stillman, M.J. 867
Stone, E.A. 937
Störr, B. 787
Su, F.-H. 383
Sugahara, K. 1185
Sugita, S. 1185
Summy-Long, J.Y. 1137
Surina-Baumgartner, D.M. 973
Svec, F. 721

Taira, K. 1189
Taira, T. 389
Takahashi, M. 1017
Talan, M.I. 231
Tamarin, R.H. 205
Tanaka, H. 549
Taylor, G. 479
Taylor, G.T. 1111
Terrell, M.L. 1137
Thibault, L. 383
Thodi, C. 189
Thomas, E. 883
Thouzeau, C. 1033
Tinari, R.J. 209
Tirassa, P. 461
Tomoyasu, N. 273
Tordoff, M.G. 87
Tornatzky, W. 409
Tosini, G. 195
Trbovic, S. 827
Treit, D. 311
Troccoli, R. 783
Trudeau, F. 355
Turndorf, H. 873

Uvnäs-Moberg, K. 947

Van den Hoofdakker, R.H. 735
Van de Putte, L.B.A. 763
Vandewater, K. 579
Van Waas, M. 265
Varner, K.J. 109
Velazquez-Moctezuma, J. 277
Verger, P. 1123
Vernet-Maury, E. 953
Vickers, Z. 579
Vidal, J. 341
Viglinskaya, I.V. 683
Villegas, M. 27
Vo, K.T. 325
Vriend, C.Y. 1103

Wakeman, E.A. 991
Waraczynski, M. 795
Watanabe, S. 585, 621
Wedlock, P. 445
Weinberg, J. 633
Wellman, P.J. 63
Wells, A.S. 1069
Whishaw, I.Q. 905
Whittaker, P. 213
Wilkinson, L.S. 99
Williams, F.E. 925
Wilson, J.H. 287
Wilson, M.A. 287
Winters, R.W. 1093
Womack, S. 479
Wood, A.D. 897
Wood, R.I. 833
Würbel, H. 1163
Wynne, B. 757

Xie, X. 703

Yadin, E. 883
Yagi, F. 141
Yi, I. 931
York, D.A. 555
Yun, P.T. 241

Zamora, S. 1179
Zanella, A.J. 769
Zeisberger, E. 787
Zentall, S.S. 915
Zlatoš, J. 255
Zoumas-Morse, C. 625
Zylan, K.D. 165

SUBJECT INDEX

Abnormal behavior, 769
ABR, 189
ACTH, 87, 741
Activation, 953
Activation/performance relationship, 953
Activity, 11, 221, 421, 703, 735
Activity anorexia, 699
Adaptation, 231
Adenosine deaminase, 283
Adiposity, 1039
Adrenal steroids, 721
β-Adrenoceptor antagonists, 241
Affective behavior, 1093
Aggression, 45, 479
Aggressive behavior, 633, 1085, 1117
Aggressive interaction, 735
Aggressiveness, 49, 783
Aging, 265, 523, 689
Aging Stress, 1111
Agonistic behavior, 813
AIDS, 877
AIDS dementia, 877
Albino rat, 141
Alcohol, 179, 319, 625, 807, 983
Alcohol exposure, 287
Alcohol-preferring and nonpreferring rats, 683
Aldosterone, 199
Alertness, 665, 675
Alpha-adrenergic, 537
Altitude exposure, 867
Altruism, 45
Ambulatory blood pressure monitoring, 1077
Amino acid deficiency, 925
Amino acid imbalance, 925
8cpt-cAMP, 495
Amphetamine, 171
Ampullary gland, 393
Amygdala, 77, 843
Amygdalohippocampal area, 843
Anabolic steroids, 49
Analgesia, 77, 445, 1025
Androgen, 171, 833
Anemia, 153
Anhedonia, 597
Animal manipulation, 729
Animal model, 71
Animal models, 783
Animal welfare, 769
Anorectic agents, 721
Anorexia, 63
Anorexia nervosa, 549
Anosmia, 597
Antibody response, 341
Anticipation, 953
Anticipatory nausea, 273
Antidepressants, 479
Antinociception, 123
Ants, 713
Anxiety, 311, 439, 1175
Anxiolytic effects, 311
Aortic nerve, 1093
Aotus, 11
Apomorphine, 757
Appetite, 247
Arm brightness, 439
Arm width, 439
Arterial blood pressure, 109
Aspartic acid, 709
Aspirin, 133
Asymmetry, 763
Atenolol, 241
Attention deficit-hyperactivity disorder (ADHD), 915
Atypical behavior, 905
Auditory and visual stimuli, 517
Auditory potential, 325
Autonomic nervous system, 953
AV3V area, 1137

Baroreceptor, 1093
Basketball, 449
Behavior, 399, 729, 741, 857
Behavioral pharmacology, 729
Behavioral thermoregulation, 195
Behavior therapy, 549
Benzodiazepine inverse agonist, 621
Birds, 617
Bitterness of isohumulones, 625
Bitter substances, 625
Blood pressure, 171, 455, 857, 1017, 1093
Blood pressure regulation, 71
Body composition, 49, 87, 689
Body fat, 1039
Body fat reserves, 931
Body temperature, 133, 735, 787, 1001, 1005
Body weight, 87, 617, 843, 897, 925, 1123
Brain, 399, 769
Brain adenosine, 283
Brain lesion, 591
Brain stimulation reward, 1155
Breast cancer, 273
Bright light, 665, 675

Ca^{2+} channel inhibitors, 319
Caffeine, 777
Calcium caseinate, 467
Caloric density, 897
Camphor odor, 499
Cancer, 659
Capsaicin, 487
Carbohydrate, 295, 1033
Carotid blood flow, 283
Castration, 653
C57BL/6, 361
Central glucagon infusion, 383
Cephalopoda, 729
Cerebellar mutants, 83
Cerebellum, 83
Ceruletide, 1025
Ceruloplasmin, 247
C-fibers, 355
Chemosensory identity, 57
Chemotherapy, 659
Chemotherapy side effects, 273
Chickens, 1185
Childhood, 403
Childhood behaviors, 915
Cholecystokinin, 1025
Chorda tympani, 505
Circadian, 221, 421, 703, 817
Circadian oscillators, 1005
Circadian rhythm, 11, 409, 585, 1001, 1017
Circadian rhythms, 561, 665, 675, 735, 1061, 1179
Classical conditioning, 273
Clonidine, 537
CNS pathways, 499
pCO_2, 857
Coagulating gland, 393
Cocaine, 597, 1155
Cold, 487
Cold-immobilization stress, 883
Collision, 427
Collision test, 643
Colony energetics, 713
Comb development, 1085
Common cold, 569
Companion effect, 941
Compensation, 295
Complexity, 713
Conditioned flavor preference, 33
Conditioned incentives, 99
Conditioned locomotor activity, 99
Conditioned place preference, 597
Conditioned taste aversion, 319, 505, 699
Conditioning, 499
Consumption of beer, 625
Continuous performance, 777
Continuous swims, 77
Control of food intake, 237
Convulsants, 783
Coping, 1163
Copper, 247
Copper deficiency, 247
Copulation, 241, 479
Core temperature, 11, 409
Corticosteroids, 1117
Corticosterone, 27, 87, 369, 1103
Cortisol, 741
Coxsackievirus B, 763
Crab, 19
Cross-fostering, 71
Crustacean circadian rhythms, 19
Cysteamine, 709

Day, 421
Daylight, 561
DBA/2, 361
Deermice, 189
Defeats, 1117
Defensive behavior, 409, 633
Defensive burying, 983
Degus, 817
2-Deoxy-D-glucose, 921
Depression, 369, 735
Desensitization, 487
Detomidine, 887
Development, 99, 199, 287, 653
Diet, 247
Dietary compensation, 179
Dietary deficiency, 213
Dietary overload, 213
Diet self-selection, 1039
DIG-ELISA, 341
Diltiazem, 319

Dissipative systems, 713
Diurnal, 817
Diurnal variation, 741
DMSA, 849
DNA, 1061
Domestic chickens, 1085
Dominance, 621, 633
Dominance Catecholamines, 1117
Dopamine, 361, 479, 757
Dorsal prostate, 393
Dorsomedial hypothalamic nucleus, 689
Drinking, 1129
Dynorphin, 769

Early development, 1171
Eatometer, 1179
EEG, 783, 1051
Efficiency, 247
Ejaculation, 241, 393
Electrical impedance, 399
Electrophysiology, 863
Elevated plus-maze, 439, 1011, 1175
Endorphin, 769
Energy, 713, 1069
Energy balance, 897
Energy intake, 179, 383, 403
Enriched environment, 265
Entrainment, 703
Enucleation, 905
Epididymal fat pads, 931
Epilepsy, 783
ERP, 517
Essential fatty acids, 915
Estradiol, 205, 287
Estrogen, 653, 833, 1147
Ethanol, 179
Ethanol drinking, 807
Excitotoxic lesions, 795
Exercise, 355
Experimental hypertension, 71
Extra-retinal photoreception, 195

Familiarity, 205
Fat, 295, 1033, 1069
Fat pad mass, 1039
Fat preference, 475
Fattening, 617
Feed conversion, 741
Feeding, 11, 63, 157, 757, 973
Feeding behavior, 1179
Feeding pattern, 1033
Feeding time, 1061
Female rat, 543, 591
Females, 449
Fenfluramine, 63, 295
d-Fenfluramine, 1129
FEPs, 325
Feral chickens, 1085
Fertility, 147
Fetal alcohol syndrome, 287
Fever, 787
FG-7142, 621
Fighting, 633
Fischer 344 rats, 369
Flash evoked potential, 325
Flavor, 475
Flinders Sensitive and Resistant Line rats, 1155
Fluid, 179
Fluoxetine, 1155
Food, 475
Food anticipation, 585
Food deprivation, 11
Food-entrainable oscillator, 1005
Food hoarding, 375
Food intake, 87, 165, 179, 295, 613, 689, 843, 921, 925, 947, 1039
Food restriction, 807, 1039, 1179
Food selection, 721
Forced-swim immobility, 849
Forced swimming test, 369
Frontal cortex, 349

Galanin, 1147
Gas chromatography, 57
Gastric distention, 237
Gastric motility, 237
Gastric preloads, 467
Gastric satiety, 237
Gastric ulceration, 741, 983
Gastric ulcers, 883
General anesthesia, 873
Glandular stomach, 931
Globus pallidus, 455
Glucocorticoid, 1111
Glucocorticoid receptors, 1111
Glucoprivic, 921
Glucose, 355, 973
Glucose transport, 689
Glutamate, 991
GnRH, 147
Golgi analysis, 27
Gonads, 617
Grooming, 965, 1099
Growth, 247, 403, 741
Growth efficiency, 247
Growth hormone, 1061
Guanethidine, 537

Habituation, 19, 517
Halothane, 873
Hamster, 221, 393, 505
Hamsters, 621
Handball, 449
Heart rate, 109, 409, 455, 1017, 1093
Heme iron, 449
Hemorrhage, 1137
Hepatic metabolism, 973
Hepatic portal vein, 613
Hepatic vagotomy, 555
High fat diet, 555
High-fat diet, 897, 931
Hippocampus, 27, 209, 843, 887, 1111
HIV + neurocognitively impaired, 877
Holeboard, 369
Honeybees, 39
Horizontal-vertical discrimination, 141
Hormones, 117
Hot plate, 445
Hot plate test, 123, 683
Housing condition, 633
Housing conditions, 1163
HPLC with electrochemical detection, 787
5-HT_{1B} receptor binding, 813
Human, 179, 421, 487
Humans, 133, 295
Hunger, 579
β-Hydroxybutyrate, 973
Hyperactive, 171
Hyperphagia, 721
Hypertension, 1077
Hypertonic saline, 1137
Hypobaric hypoxia, 867
Hypothalamic differentiation, 147
Hypothalamic paraventricular nucleus, 591
Hypothalamus, 349, 523, 813, 1093
Hypothermia, 77, 123
Hypothyroidism, 117
Hypovolemia, 1137

Ibuprofen, 133
IL-2, 1103
Illumination, 1175
Impala, 965
Implicit learning, 873
Inactivity, 769
Inbred strains, 361, 1171
Individual variations, 403
Infradian rhythm, 11
Injections, 729
Insular cortex, 991
Insulin-like growth factors, 689
Interleukin-1α, 499
Intermeal interval, 613
Intermittent stress, 741
Intermittent swims, 77
Intersubject variation, 1
Intragastric conditioning, 467
Intragastric infusion, 33
Intraventricular, 157
Intraventricular glucose, 921
Intromission, 393
Invertebrate learning and perception, 39
Iron, 153, 213
Iron status, 449
Irritation, 487
Isolation, 653, 1117
Isradipine, 319
Ixodid ticks, 965

Jet-lag, 561
Jet lag, 665, 675

Kappa, 769
Karate, 449

Laboratory mouse, 1163
Lactate, 973
Lactation, 543
Laser, 445
Lateral hypothalamus, 427, 795
Lateralization, 763
Lateral preoptic area, 795
Lateral septum, 883
Lateral ventricle, 383

Lead exposure, 849
Lean, 787
Learning, 93, 585, 915, 1111
Learning and memory, 19
Lesions, 77, 757
Lewis rats, 369
Licking, 495
Lickometer, 495
Light–dark cycle, 45
Light–darkness test, 341
Light-entrainable oscillator, 1005
Liking, 625
Limbic system, 833
Lipopolysaccharide, 499, 787, 1103
Lipoprivic, 921
Liver, 613, 1061
Lizard, 195
Locomotor activity, 49
Locus coeruleus, 863
Longitudinal study, 403
Lordosis, 349, 537, 1147
Low fat diet, 555

Macronutrients, 295, 1039
Macronutrient selection, 383, 1033
Magnocellular preoptic nucleus, 427
Male accessory sex glands, 393
Male rats, 709
Masculine sexual behavior, 277
Masculinization, 147
Maternal aggression, 461, 807
Maternal aggressive behavior, 591
Maternal behavior, 71, 287
Maternal separation, 99, 199
Mating, 543
Maze, 83
Meal patterns, 1179
Meals, 613, 1069
Medial amygdaloid nucleus, 833
Medial forebrain bundle, 643
Medial olivocochlear efferent system, 1
Medial preoptic area, 1147
Medium-chain triacylglycerol, 1185
Melatonin, 133, 617, 665, 675
Memory, 93, 153, 1111
Memory deficits, 1077
Menthol, 487
Mercaptoacetate, 921
Metabolism, 479
Metoprolol, 241
MHC-associated odors, 57
MHC-independent odors, 57
Mice, 49, 57, 361, 439, 461, 475, 1117, 1171
Microdialysis, 63
Microinjections, 813
Milk, 147
MK-801, 585
Model, 665
Molluscs, 729
Mollusk, 703
Monkey, 1189
Monocular enucleation at birth, 141
Mood, 569, 1069
Morphine, 389, 863
Morris water maze, 849, 867
Motor control, 255
Motor skill, 953
Mounting, 1147
Mouse, 123
Mu, 769
Multiple unit activity, 1017
Murine, 763
Myositis, 763

NaCl, 605
NaCl intake, 87
Naloxone, 709
Naltrexone, 863
Nap, 777
Naphazoline, 537
Nausea, 659
Negentropy, 713
Neostriatum frontolaterale, 757
Nerve growth factor, 461
Nerve section, 475
Nervous activity, 231
Neural networks, 1051
Neural recording, 505
Neurobehavior, 213
Neuropsychology of dementia, 877
Nicardipine, 319
Nimodipine, 863
Nitric oxide, 1137
N^G-Nitro-L-arginine methyl ester, 1137
NK Cell activity, 499
NMDA, 795
Nociceptive reflex, 389
Nonesterified fatty acids, 973
Nonphotic, 221
Nonshivering thermogenesis, 231
Nonsteroidal anti-inflammatory drugs, 133
Nonvisual photoreception, 195
Noradrenaline, 787
Norepinephrine, 1103
Normotensive Wistar–Kyoto (WKY) rats, 827
Novelty, 99, 361
Noxious heat, 389
Nucleotide, 991
Nucleus basalis prosencephali, 757
Nude mice, 341
Nutrients, 403

Obese, 787
Obesity, 721
Object exploration, 265
Octopus vulgaris, 729
Odor, 475
Odor Detection, 117
Odor preference, 205
Odor sensitivity, 877
Odor threshold, 877
8-OH-DPAT, 63
Olfaction, 117, 475, 817, 877, 1185
Olfactometer, 57
Olfactory bulbectomy, 597
Omega-3 fatty acids, 915
OM Rats, 555
Oncorhynchus mykiss, 1061
Open field, 341, 1011
Open field behavior, 49, 937
Operant, 117
Operant conditioning, 1189
Opiate, 863
Opioid receptors, 769
Opioids, 709
Oral, 487
Oral preloads, 467
Orbitofrontal cortex, 991
Otoacoustic emissions, 1
Ouabain, 87
Ovarian cycle, 11
Oxygen consumption, 709, 713, 1005
Oxytocin, 591, 947, 1137

P3(00), 517
Pain, 77, 1025
Pain threshold, 543
Palatability, 1129
Paleostriatum augmentatum, 757
Paradoxical sleep, 93
Paradoxical sleep deprivation, 93
Parasite defense, 965
Paraventricular hypothalamus, 63
Parity, 1171
Pathology, 763
Pavlovian fear conditioning, 873
Pecking, 757
Peer group formation, 941
Peptides, 157, 613
Performance, 295, 569, 665, 675
Perifornical hypothalamus, 63
Periodicity, 409
Phase response curve, 561
Phase shift, 221
Phase shifting, 665, 675
Phenylpropanolamine, 63
Photic response, 195
Photoperiod, 157, 617, 703, 1039
Photophase, 1005
Pigeon, 757
Pigeons, 1005
Pig housing, 769
Pigs, 741, 769
Pindolol, 241
Place learning, 93
Plasma catecholamines, 355
Play fighting, 905
Plus-maze, 311
PNMT, 1117
Podarcis muralis, 195
Polycose, 33, 467
Polydipsia, 915
Polysaccharide taste, 505
Porsolt test, 1011
Positive reinforcer, 1189
Postprandial satiety, 613
Postsigh apneas (PSA), 827
Postviral effects, 569
Potassium, 857
Pouched mice, 375
Precursor, 867
Preferred temperature, 1001
Pregnancy, 543
Prenatal effects, 1171
Primate, 991

Proceptive behavior, 537
Proceptivity, 349
Progestin receptor, 349
Programmed grooming, 965
Propranolol, 241
Prostaglandins, 133
Protein, 295, 579, 1033
Psions, 665, 675
Psychological factors, 549
Psychoneuroimmunology, 341
Pyloric cuff, 237

Quantitative reflex measurement, 389
Quinine, 1129

Radial arm maze, 27
Radiotelemetry, 787
Raphe, 887
Rat, 147, 165, 247, 255, 283, 427, 479, 585, 643, 795, 925, 1051, 1129, 1179
Rats, 77, 87, 199, 383, 445, 597, 653, 749, 983, 1175
Reaching, 255
Receiving grooming, 1189
Receptivity, 349
Red blood cells, 153
Reference memory, 867
Reinforcement schedules, 273
Rejection behavior, 537
Relaxation, 399
REM sleep, 277
REM sleep deprivation, 277, 827
Renin activity, 87
Reproduction, 147, 205
Resolution capacity of uncrossed visual pathways, 141
Respiration, 455, 857
Restraint, 983
Restricted feeding, 931, 1005
Retroperitoneal fat pads, 931
Reward, 99, 597
Rhythm, 421
Risk assessment activities, 937
RNA, 1061
Rodent, 213
Rodents, 231
Runners, 449

Saccharin, 319, 495, 749
Saccharin intake, 683
Saccostomus campestris, 375
Saliva, 605
Salt, 605
Salt appetite, 199
Satiety ratio, 613
S5B/PL Rats, 555
Scent marking, 817
SCH-23390, 1155
Scopolamine, 1155
Seasonal depression, 133
Seasonality, 375
Second messenger, 495
Selection, 1085
Selective attention, 171
Selective breeding, 123, 749
Self-selection diet, 1123
Self-stimulation, 427, 621, 643, 795
Seminal vesicle, 393
Sensitivity, 625
Sensitization, 487
Sensorial and motor responses, 1171
Sensory-specific satiety, 579
Septal lesions, 311
Serotonin, 63, 221, 479, 1099, 1129
Sex behavior, 833
Sex difference, 653
Sex differences, 165, 1085
Sexual behavior, 171, 241, 277, 349, 1085, 1147
Sexual behaviour, 393
Sexual differentiation, 147
Sexual dimorphism, 1001
Sexual motivation, 479
Shift work, 665, 675
Shionogi mouse mammary carcinoma (SC115), 633
Shock-probe burying, 311
SHR, 71
Sickness, 699
Signal detection, 117
Simulation, 561
Single-fiber recording, 505
Sinoaortic deafferentation, 109
Skin resistance tonic level, 953
Sleep, 133, 399, 421, 665, 675, 817
Sleep analysis, 1051
Sleep apneas, 827
Sleep deprivation, 777
Smell, 597
Social aggression, 807
Social behavior, 633
Social bond, 1189
Social defeat, 735
Social entrainer, 817
Social evolution, 713
Social influence, 621
Social interaction, 45, 341
Social stress, 409
Sodium, 857
Sodium intake, 199
Solar radiation, 561
Somatomotor activity, 455
Somatosensorimotor cortex, 255
Somatostatin, 709
Spatial learning, 83, 153, 209
Spatial memory, 27, 867
Spatial representation, 265
Specific volatiles, 57
Spontaneous alternation, 265
Spontaneous apneas (SA), 827
Spontaneous feeding, 613
Spontaneously hypertensive rats, 369
Spontaneously hypertensive (SHR) rats, 827
Spontaneous wheel running, 1123
Sprague–Dawley rat, 93
Stargazer rats, 1011
Starvation, 1033
Stereotypies, 769
Stereotypy, 1163
Steroid metabolism, 1085
Steroid receptor, 833
Steroid receptors, 1085
Steroids, 287, 479
Stimulation, 883
Strain differences, 439, 1085
Stress, 27, 165, 399, 735, 769, 787, 937, 983, 1163
Stress modulation, 941
Stress ulcers, 931
Strobe click, 325
Subjective effects, 295
Substantia innominata, 427, 795
Successive negative contrast, 99
Successive positive contrast, 99
Sucrose, 495, 1129
Suppression of food intake, 699
Surgery, 409
Sweet taste, 505
Sympathetic nerve discharge, 109
Synaptic plasticity, 209

Tail flick, 445, 1011
Tail-flick test, 543
Taste, 605
Taste aversion, 1103
Taste cortex, 991
Taste disc method, 549
Taste preference, 505
Taste reactivity, 749, 1129
Taste responsiveness, 549
Taste sensitivity, 605
Telemetry, 409, 735
Temperament, 341
Temperature regulation, 231
Testosterone, 653, 833, 1085, 1147
TH, 1117
Thermoregulation, 133
Theta, 887
Thyroid, 117
Thyroxine, 1061
Time, 421
Tolerance, 311
Torpor, 189
Trained rats, 57
Training, 1123
Triiodo-L-thyronine, 1061
Tryptophan, 1099
Tumor growth rate, 633

Ultradian rhythm, 409
Umami, 991
Upper respiratory tract illness, 569
Urinary odors, 57

Vagotomy, 33
Vagus nerve, 237
Variety, 165
Vasopressin, 1137
Vasopressin receptor binding, 813
Ventilation, 709
Ventral prostate, 393
Ventral tegmental area, 427, 795
Ventromedial nucleus of the hypothalamus, 1017

Ventromedial nucleus (VMN), 523
Vibrissae, 905
Vigilance, 953
Violence, 807
Visual attention, 1
Visual illusions, 39
Visual perception—insects, 39
Voles, 205
Water consumption, 653
Water intake, 87, 1137
Water maze, 93
Weaning, 543
Weight gain, 947
Wheel running, 699
Wistar–Kyoto rats, 369
Withdrawal, 863
WKY, 71
Working memory, 867
Work Schedules, 777
Yawns, 421
Zinc sulfate, 597
Zucker rats, 787